

Listing of Claims

1. (currently amended) An adjustable pedal assembly in combination with a vehicle having a driver's seat having selectable multiple driving positions and a vehicle floorboard, said pedal assembly including:

a track arrangement in said vehicle floorboard extending longitudinally and transversely with respect to said vehicle, and

one or more foot pedals movably mounted in said track arrangement for positioning said pedal or pedals with respect to said vehicle longitudinally and transversely along said track in accordance with the driving position selected; wherein said track arrangement includes a longitudinal track portion and a transverse track portion, and said one or more foot pedals includes a base movable forwardly and backwardly in the longitudinal track portion, and a post connected to the base and movable upwardly and downwardly with respect to the base, and a beam pivotally supported with respect to said base or said post; and wherein said beam is elongated transversely and splittable longitudinally.

2. (cancelled)

3. (cancelled)

4. (original) The adjustable pedal assembly of claim 1 further comprising at least three wheels on the vehicle, and an energy conversion system operable for motivating at least one of said wheels to move the vehicle, and wherein at least one of the one or more foot pedals is actuatable by-wire to selectively operate said energy conversion system.

5. (withdrawn) The method of selling an originally manufactured vehicle to an end user consumer comprising:

selling a chassis having at least three wheels, an energy conversion system operable for motivating at least one of said wheels to move the vehicle, a braking system operable for braking at least one of said wheels to stop the movement of said vehicle;

selling a body matable with said chassis and having a configuration selectable by said consumer from an inventory of bodies of different configurations;

selling a seat matable with one of said chassis or said body and including features selectable by said consumer from an inventory of different features; and

said selling of said chassis, body and seat being independent of each other.

6. (withdrawn) The method of selling an originally manufactured vehicle having a body and chassis to an end user consumer comprising selling a seat for the vehicle to the consumer completely independently of the body and chassis.

7. (previously amended) A by-wire foot pedal arrangement in combination with a moveable vehicle having a floorboard, at least three wheels, an energy conversion system operable for motivating at least one of said wheels to move the vehicle, and a braking system operable for braking at least one of said wheels to stop the movement of the vehicle, said arrangement comprising:

a guide mountable in said floorboard to establish a plurality of driving positions for operating said systems;

at least one foot pedal being variably positionable in said floorboard at one of the plurality of driving positions established by said guide;

said foot pedal being actuatable to selectively operate one of said energy conversion system or said braking system; and

a wire extending between said foot pedal and said energy conversion system or said braking system to electrically communicate the actuation of said foot pedal to the energy conversion system or the braking system for selectively operating one of said systems.

8. (previously presented) The by-wire foot pedal arrangement of claim 7 wherein the guide is a track in said floorboard, and the at least one foot pedal is positionable along the track.

9. (previously presented) The by-wire foot pedal arrangement of claim 7 wherein the guide includes a plurality of interface connector points at different locations in said vehicle at which the foot pedal is positionable.

10. (previously presented) The by-wire foot pedal arrangement of claim 9 further comprising a seat, and wherein the foot pedal is positionable with respect to said seat.

11. (previously presented) The by-wire foot pedal arrangement of claim 9 further comprising a console, and wherein the foot pedal is positionable with respect to said console.

12. (original) The by-wire foot pedal arrangement of claim 7 wherein said at least one foot pedal is moveable laterally within the vehicle.

13. (withdrawn) A unitary vehicle seat and function control unit for a vehicle comprising:

a vehicle seat; and

an interface panel on the control unit being reconfigurable for a plurality of functions selected from the group consisting of driving, computer, working, entertaining, and child care.

14. (withdrawn) The unitary vehicle seat and function control unit of claim 13 wherein the unitary unit is selectively positionable at one of a plurality of positions within the vehicle.

15. (original) A foot pedal for use with a seat of a vehicle and comprising:

a base moveable forwardly and backwardly;

a post connected to the base and moveable upwardly and downwardly with respect to the base;

a beam pivotally supported with respect to the base and/or the post;

a first actuator connected to the base for moving the base;

a second actuator connected to the post and/or beam for pivoting the beam; and

a third actuator connected to the beam for expanding the surface area of the beam.

16. (original) The foot pedal of claim 15 wherein the base is further movable from side to side.

17. (original) The foot pedal of claim 16 wherein the base is moveable on a track in the vehicle.

18. (original) The foot pedal of claim 15 wherein the pivoting of the beam is part of an energy conversion system or braking system for the vehicle.

19. (withdrawn) The method of selling an originally manufactured vehicle to an end user consumer comprising:

selling a chassis having at least three wheels, an energy conversion system operable for motivating at least one of said wheels to move the vehicle, a braking system operable for braking at least one of said wheels to stop the movement of said vehicle;

selling a body matable with said chassis and having a configuration selectable by said consumer from an inventory of bodies of different configurations;

selling a seat matable with one of said chassis or said body and including features selectable by said consumer from an inventory of different features;

said selling of said chassis, body and seat being independent of each other; and

installing a reconfigurable by-wire foot pedal system on said chassis or said body selected by said consumer to accommodate said body and said seat selected by said consumer for operating said systems.

20. (currently amended) A by-wire foot pedal system wherein at least one foot pedal is adjustably mounted in a vehicle floorboard, the foot pedal being movable along a track in said floorboard and expandable to increase the surface area of said foot pedal.

21. (currently amended) A by-wire foot pedal system for a vehicle having a plurality of different driving locations, wherein at least one foot pedal is removably mounted in a vehicle floorboard for reconfiguration of the driving location, wherein the vehicle includes a plurality of driver interface points defining the different driving locations and at which the foot pedal is connectable.